





"SolidWorks prepares my students to go on to college and industry through collaborative partnerships and internships."

- Al Gomez, Engineering Instructor Sun Prairie High School, USA



- Ragnar Sand, Team Leader De la Gardie (secondary) School, Sweden

## PREPARE YOUR STUDENTS WITH POWERFUL, EASY-TO-USE 3D CAD TECHNOLOGY

The SolidWorks<sup>®</sup> Education Program offers you all of the latest 3D CAD technology in one easy-toteach package. With relevant and fun lessons, your students will explore and apply new technical concepts, discovering and developing their problem-solving skills.

Students will also build on their existing knowledge with SolidWorks. They'll apply geometry and physics to real-life products and designs—and then see how conditions such as pressure, drag, and acceleration affect them. And they'll do it all with powerful software through one simple, intuitive user interface.

SolidWorks ensures that you can make the complex simple through each stage of the design process and focus on helping your students get the skills and knowledge they need to succeed in the job market.

Formula Hybrid Contest First Place Winner designed by Texas A&M University Racing Team, USA



Asabet Valley Technical High School, USA

# PREPARE YOUR STUDENTS FOR COLLEGE OR EMPLOYMENT

Created by educators and industry professionals, SolidWorks builds the foundation for your students' next phase in life. Whether they decide to enter college or join the workforce, they'll be well prepared. "Having worked in manufacturing, I realized how important it is to have students use parametric 3D software," explains Scott Gutschow, technology and engineering instructor at Bay Port High School. "They can combine classroom instruction with practical, real-world experience."

The SolidWorks Certification Program also offers industry-standard design competency exams—affirming your students' CAD skills to potential employers.



#### SolidWorks offers you and your students every advantage:

- A complete suite of tools for every step of the design process
- Easy-to-use tutorials and custom curriculum guides
- Project-based activities for design, modeling, and visualization
- An active worldwide user community of more than 1.9 million CAD professionals
- Used in more than 25,000 educational institutions and 87 percent of the top technical schools
- Curriculum created by educators and industry professionals
- Access outside the classroom
- Students gain a competitive advantage with the SolidWorks Certification Program

# 3D DESIGN AND MORE—A COMPLETE PRODUCT DEVELOPMENT SOLUTION

SolidWorks software goes beyond drawings and models. With built-in simulation tools, your students can test their designs throughout the development process to verify operation and optimize performance without physical prototypes.

SolidWorks applications give students the tools they need to study and optimize design approaches for plastics, electrical routing, and sustainable design. They can identify potential defects in mold design, plastics materials, and processing; create electrical designs for products and systems; and analyze the environmental impacts of their designs, assessing materials, manufacturing, and transportation to optimize a product's overall sustainability and "carbon footprint."





# Access a broad curriculum to reinforce creativity and innovation:

- CAD Instructor Guide with lesson plans
- Technical Tutorials
- Design Projects
- Engineering Drawing for Visualization
- Assessments
- Educator Blog, Online Community, Newsletter

### SOLIDWORKS MAKES MANAGING SOFTWARE LICENSING EASY

With students working remotely and in multiple school locations, CAD software licensing can often be challenging. The SolidWorks Education Program eliminates those frustrations by offering flexible licensing solutions that are easy to implement and simple to manage with approaches that include:

- Classroom access packages for up to 500 users, curriculum lessons, and faculty technical support
- Certification exams and student design kits
- Remote access so students can work anytime from anywhere
- Local support always available from SolidWorks Value-Added Resellers
- Networking through online blogs, forums, and more than 200 local SolidWorks User Groups

The SolidWorks Education Program provides the 3D design tools, curriculum, and community support your students need to propel their success. To learn more about the SolidWorks Education Program, call a SolidWorks Value-Added Reseller or visit www.solidworks.com/education.



Humanoid robots designed by Aldebaran Robotics, France

#### www.solidworks.com/education

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> Concept vehicle designed by students at the University of Huddersfield, UK



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